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UTILITY PATENT APPLICATION **TRANSMITTAL**

Attorney Docket No. SD7239/S99866 First Inventor James J. Allen Microelectromechanical Mirrors and Electrically-Title Programmable Diffraction Gratings Based on Two-

(Only for new nonprovisional applications under 37 CFR 1.53(b))	Stage Actuation					
	Express Mail Label No. EV332387195US					
APPLICATION ELEMENTS	ADDRESS TO: Commissioner for Patents					
See MPEP chapter 600 concerning utility patent application contents.	P.O. Box 1450 Arlington, VA 22313-1450					
1. Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing.) Applicant claims small entity status. See 37 CFR 1.27. Specification [Total Pages 43] (preferred arrangement set forth below) - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure	7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. Computer Readable Form (CRF) b. Specification Sequence Listing on: i. CD-ROM or CD-R (2 copies); or I i. paper c. Statements verifying identity of above copies ACCOMPANYING APPLICATION PARTS 9. Assignment Papers (cover sheet & document(s))					
	10. 37 CFR 3.753(b) Statement Power of Attorney					
4. Drawing(s) (35 U.S.C. 113) [Total Sheets 13] 11. English Translation Document (if applicable)					
5. Oath or Declaration [Total Pages 3	1 12. Information Disclosure Copies of IDS Statement (IDS)/PTO-1449					
a. Newly executed (original or copy)	13. Preliminary Amendment					
b. Copy from a prior application (37 CFR 1.63 (d)) (for continuation/divisional with Box 18 completed) i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s)	14. Return Receipt Postcard (MPEP 503) (Should be specifically itemized) 15. Certified Copy of Priority Document(s) (if foreign priority is claimed)					
named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).	16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.					
6. Application Data Sheet. See 37 CFR 1.76	17. Other:					
Prior application information: Examiner: For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the pri considered a part of the disclosure of the accompanying continuation or divisional The incorporation can only be relied upon when a portion has been inadvertently of the disclosure of the accompanying continuation or divisional the incorporation can only be relied upon when a portion has been inadvertently or the disclosure of the prior that the disclosure of the disclosure o	Group Art Group Art ior application, from which an oath or declaration is supplied under Box 5b, is application and is hereby incorporated by reference.					
Customer Number 020567						
Name (Print/Type) John P. Hohimer R	Registration No. (Attorney/Agent) 39,226					
Signature M Ruffor	Date 11/24/03					

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FEE TRANSMITTAL			
FOR FY 2004			

Patent fees are subject to annual revision. Small Entity payments <u>must</u> be supported by a small entity statement, Otherwise large entity fees must be paid. See Forms PTO/SB/09-12.

(\$)1,018.00

TOTAL AMOUNT OF PAYMENT

Signature

Complete if Known						
Application Number						
Filing Date	November 24, 2003					
First Named Inventor	James J. Allen					
Examiner Name						
Group / Art Unit						
Attorney Docket No.	SD7239S99866					

Deposit Account

19-0131

User ID

11/24/03

M	ETHO	O DC	F PA	YMENT (check o	ne)	FEE	CAL	CULA	ULATION (continued)				
	The C	ommis	sioner is	hereby author	ized to char	ge	3. ADDITIONAL FEES							
1. indicated fees and credit any over payments to:			Large Fee	Entity Fee	Small Fee	Entity Fee	Fe	ee Description	Fee					
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Dep	Deposit Account Name Sandia Nat'l Labs			1052	50	2052	25	Surcharge – late	provisional filing fee cover shee	et				
		Any A	dditiona Under	ıl			1053	130			Non-English spec	ification		
	37 CFI	₹ 1.16 a	nd 1.17				1801	770	2801	385	Request for contin	nued examination (RCE)		
2			nclos				1804	920*			Requesting public Examiner action	ation of SIR prior to		
		heck		Money Order		er	1805	1,840				tion of SIR after Examiner action		
1. B	ASIC		G FEE	LCULATION			1251	110	2251	55	Extension for repl	y within first month		
Large Fee		Smal Fee		Fee Descrip	otion Fe	e .	1252	420	2252	210	•	y within second month	•	
Code	(\$)	Cod	e (\$)	,	Pa	_	1253	950	2253	475		y within third month		
1001	770	2001		Utility filing fe	<u> </u>	0	1254	1,480	2254	740		y within fourth month		
1002	340	2002		Design filing		_	1255	2010	2255	1005	•	y within fifth month		
1003	530 770	2003		5 Plant filing fe 5 Reissue filing			1401	330	2401	165	Notice of Appeal	•		
1004	160	2004) Provisional fili	· -		1402	330	2402	165		pport of an appeal		
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				JBTOTAL (1)	\$ 770.00		1451	1,510				e a public use proceeding		
2. E	2. EXTRA CLAIM FEES			1452	110	2452	55	Petition to revive						
Fee from Extra Claims below Fee Paid			1453	1,330	2453	665	Petition to revive	- unintentional						
Total C	laims	29	-20**=	9 × 18	= 16	2	1501	1,330	2501	665	Utility issue fee (c			
Indepe		4	- 3**=	1 × 86	= 86		1502	480	2502	240				
Claim	s e Depend	fent		_			1503	640	2503	320				
, , , , , , , ,	оброн	20111		<u> </u>			1460	130	Petitions to the Commissioner					
							1806	180			Submission of Inf	ormation Disclosure Statement		
							1809	770	2809	385	Filing a submission	on after final rejection (37 CFR		
				reater; For Reiss	sues, see be	ow.	1810	770	2810	385	For each addition	al invention to be examined		
Fee	Entity Fee	Small Fee	Entity Fee	Fee !	Description						(see 37 CFR 1.12	9(b))		
1202	(\$) 18	2202	(\$) 9	Claims in exce	of 20									
1202	86	2202	43	Independent of		ss of 3								
1203	290	2203	145	Multiple depen										
1204	86	2204	43	**Reissue inde	pendent clai									
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				and over orig	ginal patent			Othe	er fee (s	pecify)				
SUBTOTAL (2) (\$)248.00					*Red	luced b	y Basic	Filing Fee Paid	SUBTOTAL (3) (\$)					
SU	SUBMITTED BY Complete (if applicable)					ble)								
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Date

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U.S. Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

NONPUBLICATION REQUEST UNDER

35 U.S.C. 122(b)(2)(B)(i)

First Nan	ned Inventor	James J. Allen							
Title		nical Mirrors and Electrically- raction Gratings Based on Two-Stage							
Atty Doc	ket Number	SD7239S99866							

I hereby certify that the invention disclosed in the attached application has not and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing.

I hereby request that the attached application not be published under 35 U.S.C. 122(b).

Nawhar 24, 200 3
Date

John P. Hohimer
Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Application may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant must notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).